Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 09 Mar 2021 until 23:59 on Wednesday 10 Mar 2021

Forecast Issued on Monday 08 Mar 2021 at 13:42

Confidence: High confidence for an unsettled week of weather, uncertainty lies in timings of rain/showers and amounts of rainfall.

Headline for Tuesday 09 Mar 2021: A dull and cloudy day with outbreaks of drizzle possible, becoming wet and windy later.

Mountain weather hazards on Tuesday 09 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Fog	Fog	Mist	Dull	Dull	Cloudy	Cloudy	Light rain
Precipitation probability							
30%	40%	20%	30%	30%	20%	20%	40%

Forecast for Tuesday 09 Mar 2021

Weather: Overcast cloud and a few drizzly outbreaks are likely overnight, especially in the exposed west, there may be a few more cloud breaks in the east. This will continue for the morning period when it will be quite cloudy and dull, perhaps brightening up for a period in the early afternoon with a few brighter spells possible for eastern hills. Rain will spread east during the evening accompanied by strengthening winds.

Chance of cloud free mountain/hill tops above 600m: 20% or less, extensive low level cloud is likely associated with light rain and drizzle.

Visibility: Visibility is likely to be poor for much of the day with extensive low cloud expected to shroud the hill tops. In the west the base will be around 400m upwards, in the east the cloud base will be around 600m and there are more likely to be a few breaks and possibly some brighter spells and some clearance around tops for a time in the afternoon. By late evening cloud bases will be more widely around 500m with some rain continuing to affect visibility. Good navigation skills are likely to be required for much of the day on the hills.

Forecast for Tuesday 09 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 W	11/18 SW	10/15 SW	12/18 SW	12/18 SW	17/26 SW	18/28 SW	22/34 S	26/41 S
300	8/17 W	5/13 W	6/13 SW	6/13 SW	8/16 SW	11/22 SW	13/27 SW	15/31 S	18/37 S
Valley	4/10 SW	4/10 SW	4/11 SW	6/12 S	8/16 S	10/21 SW	11/24 S	14/30 S	17/36 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-3	2/-2	2/-2	3/-2	3/-1	4/-1	4/-2	3/-3	2/-5
300	4/0	4/1	4/1	4/2	5/2	6/3	6/2	5/1	4/-1
Valley	5/3	5/3	5/3	5/3	6/3	7/4	7/4	6/3	5/1
Freezing Level*	1100m	1100m	1100m	1200m	1100m	1200m	1300m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strengthening southwesterly winds will be strong by the evening with a significant wind chill expected. Freezing level lowers later in the day with precipitation turning sleety on the highest tops by early evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 08 Mar 2021	4.4mm	4.4mm	4.4mm

Forecast for Wednesday 10 Mar 2021

Weather: A wet day with rain continuing. Perhaps a few drier spells during the morning before rain returns becoming heavy and persistent at times in the afternoon. Becoming drier through the evening period.

Maximum wind: Southwesterly 25-30mph with gusts 35-40mph, Winds strengthening in the evening to 35mph with gusts 50-55mph.

Chance of cloud free mountain/hill tops above 600m: 20% widespread low level cloud will accompany the rain.

Visibility: Mostly poor visibility throughout the day with widespread extensive low cloud from 400m base upwards and rainfall.

Temperature: **Valleys:** Plus 3 rising to plus 9 degrees.
At 600m: Plus 5 degrees.
Freezing level: Above the summits.